



THIRD COLLEGE EDITION

Webster's New World Dictionary

OF AMERICAN ENGLISH

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Webster's New World
New York

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PERIODIC TABLE OF THE ELEMENTS

1 Group IA																		18 VIIA																	
1 H 1.00797																	2 He 4.0026																		
3 Li 6.941	4 Be 9.01218																	5 B 10.81	6 C 12.011	7 N 14.0067	8 O 15.9994	9 F 18.9984	10 Ne 20.179												
11 Na 22.9898	12 Mg 24.305	13 Al 26.9815	14 Si 28.086	15 P 30.9738	16 S 32.06	17 Cl 35.453	18 Ar 39.948											19 K 39.0983	20 Ca 40.08	21 Sc 44.956	22 Ti 47.88	23 V 50.942	24 Cr 51.996	25 Mn 54.9380	26 Fe 55.847	27 Co 58.9332	28 Ni 58.69	29 Cu 63.546	30 Zn 65.38	31 Ga 69.72	32 Ge 72.59	33 As 74.9216	34 Se 78.96	35 Br 79.904	36 Kr 83.80
37 Rb 85.47	38 Sr 87.62	39 Y 88.905	40 Zr 91.224	41 Nb 92.906	42 Mo 95.94	43 Tc 98.906	44 Ru 101.07	45 Rh 102.905	46 Pd 106.4	47 Ag 107.868	48 Cd 112.40	49 In 114.82	50 Sn 118.69	51 Sb 121.75	52 Te 127.60	53 I 126.9044	54 Xe 131.30	55 Cs 132.905	56 Ba 137.33	57 La 138.91	58 Ce 140.12	59 Pr 140.907	60 Nd 144.24	61 Pm (145)	62 Sm 150.4	63 Eu 151.96	64 Gd 157.25	65 Tb 158.925	66 Dy 162.50	67 Ho 164.930	68 Er 167.26	69 Tm 168.934	70 Yb 173.04	71 Lu 174.97	
87 Fr (223)	88 Ra 226.02	89 Ac 227.0278	90 Th 232.038	91 Pa 231.036	92 U 238.03	93 Np 237.048	94 Pu 239.13	95 Am 243.13	96 Cm (247)	97 Bk (247)	98 Cf (251)	99 Es (252)	100 Fm (257)	101 Md (258)	102 No (259)	103 Lr (262)																			

● Lanthanide series

58 Ce 140.12	59 Pr 140.907	60 Nd 144.24	61 Pm (145)	62 Sm 150.4	63 Eu 151.96	64 Gd 157.25	65 Tb 158.925	66 Dy 162.50	67 Ho 164.930	68 Er 167.26	69 Tm 168.934	70 Yb 173.04	71 Lu 174.97
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● Actinide series

90 Th 232.038	91 Pa 231.036	92 U 238.03	93 Np 237.048	94 Pu 239.13	95 Am 243.13	96 Cm (247)	97 Bk (247)	98 Cf (251)	99 Es (252)	100 Fm (257)	101 Md (258)	102 No (259)	103 Lr (262)
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Note: Atomic weight shown below symbol. Parentheses indicate that the atomic weight is for the isotope with the longest known half-life.

ALPHABETICAL LIST OF THE ELEMENTS,
WITH THEIR SYMBOLS AND ATOMIC NUMBERS

actinium	Ac	89	europium	Eu	63	molybdenum	Mo	42	scandium	Sc	21
aluminum	Al	13	fermium	Fm	100	neodymium	Nd	60	selenium	Se	34
americium	Am	95	fluorine	F	9	neon	Ne	10	silicon	Si	14
antimony	Sb	51	francium	Fr	87	neptunium	Np	93	silver	Ag	47
argon	Ar	18	gadolinium	Gd	64	nickel	Ni	28	sodium	Na	11
arsenic	As	33	gallium	Ga	31	niobium	Nb	41	strontium	Sr	38
astatine	At	85	germanium	Ge	32	nitrogen	N	7	sulfur	S	16
barium	Ba	56	gold	Au	79	nobelium	No	102	tantalum	Ta	73
berkelium	Bk	97	hafnium	Hf	72	osmium	Os	76	technetium	Tc	43
beryllium	Be	4	hahnium	Ha	105	oxygen	O	8	tellurium	Te	52
bismuth	Bi	83	helium	He	2	palladium	Pd	46	terbium	Tb	65
boron	B	5	holmium	Ho	67	phosphorus	P	15	thallium	Tl	81
bromine	Br	35	hydrogen	H	1	platinum	Pt	78	thorium	Th	90
cadmium	Cd	48	indium	In	49	plutonium	Pu	94	thulium	Tm	69
calcium	Ca	20	iodine	I	53	polonium	Po	84	tin	Sn	50
californium	Cf	98	iridium	Ir	77	potassium	K	19	titanium	Ti	22
carbon	C	6	iron	Fe	26	praseodymium	Pr	59	tungsten	W	74
cerium	Ce	58	krypton	Kr	36	promethium	Pm	61	uranium	U	92
cesium	Cs	55	lanthanum	La	57	protactinium	Pa	91	vanadium	V	23
chlorine	Cl	17	lawrencium	Lr	103	radium	Ra	88	xenon	Xe	54
chromium	Cr	24	lead	Pb	82	radon	Rn	86	ytterbium	Yb	70
cobalt	Co	27	lithium	Li	3	rhodium	Rh	45	yttrium	Y	39
copper	Cu	29	lutetium	Lu	71	rubidium	Rb	37	zinc	Zn	30
curium	Cm	96	magnesium	Mg	12	ruthenium	Ru	44	zirconium	Zr	40
dysprosium	Dy	66	manganese	Mn	25	rutherfordium	Rf	104			
einsteinium	Es	99	mendelevium	Md	101	samarium	Sm	62			
erbium	Er	68	mercury	Hg	80						